

めあて

はじめた時間

1 次の計算をしなさい。分母に√をいくまない形に変形しなさい。

有
理
化

$$(1) \frac{\sqrt{2}}{\sqrt{5}} = \frac{\sqrt{2} \times \sqrt{5}}{\sqrt{5} \times \sqrt{5}} = \frac{\sqrt{10}}{5}$$

$$(2) \frac{1}{\sqrt{5}} = \frac{\sqrt{5}}{\sqrt{5} \times \sqrt{5}} = \frac{\sqrt{5}}{5}$$

$$(3) \frac{\sqrt{5}}{2\sqrt{2}} = \frac{\sqrt{5} \times \sqrt{2}}{2\sqrt{2} \times \sqrt{2}} = \frac{\sqrt{10}}{2 \times 2} = \frac{\sqrt{10}}{4}$$

$$(4) \frac{\sqrt{3}}{3\sqrt{3}} = \frac{\sqrt{3} \times \sqrt{3}}{3\sqrt{3} \times \sqrt{3}} = \frac{3}{3 \times 3} = \frac{1}{3}$$

$$(5) \frac{6}{\sqrt{72}} = \frac{6}{6\sqrt{2}}$$

$$(6) \frac{4}{\sqrt{32}} = \frac{4 \times \sqrt{2}}{4\sqrt{2} \times \sqrt{2}} = \frac{\sqrt{2}}{2}$$

$$a\sqrt{b} \quad \begin{array}{r} 2) 72 \\ 2) 36 \\ \hline \star 2) 18 \\ 3) 9 \\ \hline 3 \end{array} = \frac{6 \times \sqrt{2}}{6\sqrt{2} \times \sqrt{2}} = \frac{\sqrt{2}}{2}$$

$$\begin{array}{r} 2) 32 \\ 2) 16 \\ \hline 2) 8 \\ 2) 4 \\ \hline 2 \end{array}$$

ふりかえり

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